

# Fakhri Rasyid Saputro

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## SUMMARY

Mobile developer with 3+ years delivering Android/iOS apps and SDKs for government, industrial, and enterprise teams. I ship reliable, scalable features with Kotlin/Compose, Java, SwiftUI, and Flutter, grounded in SOLID, Clean Architecture, CI, and automated tests. Comfortable with healthcare & clinical device integrations. Clear communicator who mentors and partners with product/design to ship results.

## EDUCATION

### Informatics Engineering

2021 - 2025, Semarang, Indonesia

Universitas Dian Nuswantoro (GPA 3.83 / 4.00)

- Undergraduate Thesis: Development of an Android-Based QR Code Attendance Application with AES Encryption and Device Binding to Prevent Fraud.

## WORK EXPERIENCE

### Mobile Developer

January 2025 - Present

Fischer's Medical Ventures - Singapore

- Delivering production Mobile apps that connect to 10+ medical devices (USB/BLE), enabling live streaming, calibration, and remote control with resilient connections and fault-tolerant workflows used by clinicians.
- Researching and prototyping BLE GATT, real-time video, and on-device ML. Turned findings into reference modules and decision docs that accelerating production rollouts.
- Partnered with firmware and backend teams to define protocols and harden flows, shipping clinic-ready Mobile apps with robust offline/retry and end-to-end observability.

### iOS Developer

October 2025 - December 2025

Owlies - Indonesia

- Shipped end-to-end iOS features using Clean Architecture and MVVM in Swift, supported by comprehensive unit + UI test suites to improve release confidence and reduce production regressions.
- Implemented Superwall Paywall end-to-end on iOS (trigger rules, paywall presentation, product mapping, entitlement validation, and A/B testing), including a 5-second delayed trial prompt that improved purchase intent and increased conversion by ~70% (trial-to-paid / paywall-to-purchase).

### Android Engineer Intern

February 2024 - June 2024

Traveloka (Travel Activities Department) - Indonesia

- Refactored legacy modules and fixed bugs in the Traveloka Android app (50M+ downloads), improving responsiveness across device tiers and strengthening release stability.
- Implemented new features end-to-end using Clean MVVM and MVP architecture. Wrote unit/UI tests across Kotlin and Java, lifting coverage to 70%+ and reducing regressions during releases.
- Researched and proposed integration strategies for Jetpack Compose and modern Android libraries to improve developer efficiency and UI responsiveness.

### Mobile Developer

January 2022 - January 2024

Freelanxx.it - Indonesia

- Designed, built, and shipped 20+ mobile apps across education and retail using Kotlin/Java (Android) and Flutter (cross-platform).
- Led a 4-person team, ran Agile sprints, coordinated cross-functionally, and standardized CI/CD across GitHub, GitLab, and CircleCI.

## LEADERSHIP EXPERIENCE

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### Google Developer Student Club UDINUS (GDSC Udinus)

August 2023 - July 2024

- **Head of Event Core Team:** Effectively led, organized, and managed 5+ tech events & bootcamps with 200+ attendees, driving growth and engagement across the developer community.
- **Android Development Speaker:** Delivered Jetpack Compose workshops with 200+ participants, featuring live coding, hands-on labs, and open-source sample repos.

### Dinus Open-Source Community (DOSCOM)

August 2022 - July 2024

- **Head of Human Resource Field:** Actively led and managed 80+ community members across Programming, Multimedia, and Network divisions, driving training, mentorship, and knowledge-sharing culture.
- **Android Development Mentor Lead:** Trained mentors and taught students in Kotlin, OOP, and Android fundamentals. Conducted Android workshops at 3 vocational high schools (SMKN 9 Semarang, SMK Palapa, SMK Nurul Barqi).

## CERTIFICATIONS

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### Meta Android Developer Professional Certificate ([Go to Certificate](#))

Meta, 2025

### Meta React Native ([Go to Certificate](#))

Meta, 2025

### Traveloka Internship Certificate ([Go to Certificate](#))

Traveloka, 2024

### Google Developer Students Club Core Team ([Go to Certificate](#))

GDSC, 2024

### Schoters Mobile Apps Developer Internship ([Go to Certificate](#))

Schoters, 2022

## SKILLS

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- **Programming Languages:** Kotlin, Java, Swift, Dart, Typescript, JavaScript, PHP, Python.
- **Frameworks:** Jetpack Compose, KMP, SwiftUI, Flutter, Vue, React Native, Laravel.
- **Mobile Development Needs:** MVVM, MVP, TDD, OOP, Modularization, Reactive Programming, Dependency Injection, CI/CD, Jenkins, Firebase.

## PROJECTS

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### Digihealth Kiosk ATM (Java)

Fischer's Medical Ventures • <https://www.fakhrirasyids.me/projects/fmv-digihealth-kiosk>

### Stethoscope (Flutter)

Fischer's Medical Ventures • <https://www.fakhrirasyids.me/projects/fmv-stethoscope>

### X-Ray (Kotlin)

Fischer's Medical Ventures • <https://www.fakhrirasyids.me/projects/fmv-xray>

### Patient Health Companion (Flutter)

Fischer's Medical Ventures • <https://www.fakhrirasyids.me/projects/fmv-patient-health-companion>

### Traveloka Xperience (Ticket Detail) Project

Traveloka • <https://www.fakhrirasyids.me/projects/teddy-project>

### Traveloka Xperience (Ticket Detail V2) Project

Traveloka • <https://www.fakhrirasyids.me/projects/tweety-project>

### Traveloka Cruise (LP-SR) Project

Traveloka • <https://www.fakhrirasyids.me/projects/lp-sr-cruise-project>

### Leech (Android SDK)

Open-Source Project • <https://www.fakhrirasyids.me/projects/leech-android-library>

**Highlightor (Android SDK)**

Open-Source Project • <https://www.fakhrirasyids.me/projects/highlightor-android-library>

**Floating Menu (iOS SDK)**

Open-Source Project • <https://www.fakhrirasyids.me/projects/floating-menu-ios-package>

**Space Attack (Kotlin Multiplatform, Jetpack Compose, SwiftUI)**

Personal Project • <https://www.fakhrirasyids.me/projects/space-attack-kmp-swiftui>

**Stasave (Jetpack Compose)**

Personal Project • <https://www.fakhrirasyids.me/projects/stasave-jetpack-compose>

**Beritaln (SwiftUI)**

Personal Project • <https://www.fakhrirasyids.me/projects/beritain-swiftui>

**Traffic Sense (Kotlin)**

Personal Project • <https://www.fakhrirasyids.me/projects/traffic-sense-kotlin>

**Ndoro Kojo Livestock Application (Kotlin)**

Pemerintah Kabupaten Semarang • <https://www.fakhrirasyids.me/projects/ndoro-kojo-kotlin>

**Jukee (Java)**

Freelanxx.it • <https://www.fakhrirasyids.me/projects/jukee-java>

**Beataco (Java Swing)**

Personal Project • <https://www.fakhrirasyids.me/projects/beataco-java-swing>

**My Heavy Equipment (Kotlin)**

Freelanxx.it • <https://www.fakhrirasyids.me/projects/my-heavy-equipment-kotlin>

**EcoQuest (Kotlin)**

Freelanxx.it • <https://www.fakhrirasyids.me/projects/ecoquest-kotlin>

**Berita.in (Kotlin)**

Personal Project • <https://www.fakhrirasyids.me/projects/berita-in-kotlin>

**Examine (Kotlin)**

Undergraduate Thesis Project • <https://www.fakhrirasyids.me/projects/examine-kotlin>

**Sakuku (Kotlin)**

Freelanxx.it • <https://www.fakhrirasyids.me/projects/sakuku-kotlin>

**BankIT (Java)**

Freelanxx.it • <https://www.fakhrirasyids.me/projects/bankit-java>

**Hangman (Java)**

Freelanxx.it • <https://www.fakhrirasyids.me/projects/hangman-java>

**Laundry (Jetpack Compose)**

Freelanxx.it • <https://www.fakhrirasyids.me/projects/laundry-jetpack-compose>

**PicDF (Jetpack Compose)**

Freelanxx.it • <https://www.fakhrirasyids.me/projects/picdf-jetpack-compose>

**Aromaloka (Kotlin)**

Freelanxx.it • <https://www.fakhrirasyids.me/projects/aromaloka-kotlin-slicing>

**Gamography (SwiftUI)**

Personal Project • <https://www.fakhrirasyids.me/projects/gamography-swiftui>

**Capstone App (Kotlin)**

Freelanxx.it • <https://www.fakhrirasyids.me/projects/capstone-app-kotlin-slicing>